



Selected sections of our team's submission are deemed confidential; as such they are included only in Volume II. They are noted below.

## TABLE OF CONTENTS

Cover Letter

Executive Summary

**Qualifications & Experience** ..... Volume I ■ Section 1

1. Experience, Training, and Preparation with Similar Projects
2. Demonstration of Ability to Perform Work
3. Demonstrated Record of Successful Past Projects
4. Demonstrated Conformance with Applicable Laws
5. Leadership Structure
6. Project Manager's Experience
7. Management Approach
8. Staffing
9. Financial Condition
10. Project Ownership

**Project Characteristics** ..... Volume I ■ Section 2

1. Project Definition (*for confidential information, see Volume II ■ Section 2*)
2. Project Schedule (*for confidential information, see Volume II ■ Section 2*)
3. Operation of the Project (*for confidential information, see Volume II ■ Section 2*) **Confidentiality Waived**
4. Technology
5. Conformity to Laws, Regulations, and Standards
6. Environmental Impacts
7. Condemnation Impacts
8. State and Local Permits
9. Maintenance of the Project

**Project Financing** ..... Volume I ■ Section 3

1. Cost and Benefit to the County (*for confidential information, see Volume II ■ Section 3*) **Confidentiality Waived**
2. Financing and Impact of Debt of the County
3. Financial Plan
4. Estimated Cost (including debt source, operating costs, etc.) (*for confidential information, see Volume II ■ Section 3*)  
**Confidentiality Waived**
5. Life-Cycle Cost Analysis
6. Financing
7. Other Items the County Deems Appropriate
  - Letter from Surety Company

**Project Benefit & Compatibility** ..... Volume I ■ Section 4

1. Community Benefits
2. Community Support or Opposition
3. Public Involvement
4. Compatibility with Facilities
5. Compatibility with County, Regional and Economic Development
6. Compatibility with Land Use and Transportation Plans

**Other Factors** ..... Volume I ■ Section 5

- Proposed Design (*for confidential information, see Volume II ■ Section 5*)
- a. Topographical map
  - b. Conceptual site plan
  - c. Conceptual plans
2. Eligibility for Accelerated Documentation, Review and Selection (*for confidential information, see Volume II ■ Section 5*)
  3. Local Comment
  4. Project Benefits
  5. Compliance with Minority Business Enterprise
  6. Local Contractors

# SHOCKEY, LLC

---

P. O. BOX 2530, WINCHESTER, VA 22604  
540.667.7700

December 15, 2006

Ms. Tina M. Borger, CPPO  
Manager Purchasing Agent  
County of Loudoun  
1 Harrison Street, S.E., 4<sup>th</sup> Floor  
Leesburg, VA 20177

Dear Tina:

Thank you for your request for a detailed proposal to address the acute need for expansion and renovation for Loudoun County Adult Detention Center Phase II (LCADCII).

To address this situation, Shockey, LLC looks forward to partnering with the County pursuant to the Virginia Public-Private Education Facilities and Infrastructure Act of 2002 as revised ("PPEA") and corresponding procedures adopted by the County. We think you will find that the attached detailed proposal provides superior design, renovation, construction and furnishing options for LCADCII.

As you are aware, Shockey, LLC has assembled a consortium of industry leaders and top professional firms to formulate and execute the plan presented in the proposal. Each team member is committed to the provision of quality space that honors the County's long-standing reputation for fiscal prudence.

As in our conceptual phase proposal, we consider Volume II of our proposal to be confidential and proprietary. We again request that these materials be excluded from public inspection and release under the PPEA and Virginia Freedom of Information Act.

On behalf of our team, I am pleased to submit this proposal and look forward to talking with you and other appropriate officials about its benefits.

Sincerely,



James W. Brinkmeier  
Business Development Representative



### PRESSING NEEDS, CREATIVE SOLUTIONS

Loudoun County faces several pressing challenges at the Adult Detention Center:

- A rapidly growing county inmate population, with a corresponding need for expanded facilities.
- A diminished ability to incorporate improvements solely through improvements to existing facilities.

As a long-time leader in the local business community, with multiple physical plants located in the county, Shockey, LLC is fully aware of these challenges and the acute need for expanding the Adult Detention Center in Loudoun County. We also recognize that the County must respond in a fashion that preserves the traditions of integrity and quality that make the County's Detention Center program a model of excellence.

With the passage of the Virginia Public-Private Education Facilities and Infrastructure Act of 2002 as amended ("PPEA") and the County's adoption of PPEA procedures, a new avenue has opened to allow a private entity to partner with the County to deliver needed public facilities in a timely and cost-effective manner. As a result, the County has an excellent opportunity to address these pressing needs for expansion by creatively partnering in a manner that honors the County's long-standing commitment to high-quality facilities and fiscal prudence.

The Shockey, LLC team proposes a comprehensive plan to design and construct an expansion to the Adult Detention Center (which was also built by Shockey).

### MANY BENEFITS

As noted above, the Shockey, LLC team's proposal includes an addition of 256 beds to the Adult Detention Center in Loudoun County. There are many benefits that will result from this project. Highlights include:

- Relieves over-crowding by adding an additional 256 beds
- Delivers the project earlier than traditional design-bid-build method through a turn-key approach
- Provides a knowledgeable team that built Phase I of the project and performed the Planning Study to expand the facility
- Accommodates space needs of growing inmate population by providing room for expansion as necessary
- Reduces cost of housing/transporting inmates to other regional jail facilities
- Offers high-quality, energy-efficient structures designed to last, with reduced life-cycle costs
- Improves life safety conditions for staff and inmates by relieving overcrowding
- Compliments the architectural style and integrity of Phase I of the facility
- Creates local construction jobs involving subcontractors during the life of the project
- Provides for minimal disturbance of natural resources and negative environmental impacts
- Enables improvements to life safety for all county residents (and a corresponding decrease in the risk of associated liabilities) through the implementation of new and improved materials and systems.
- Provides single point of contact responsible for fulfillment of all schedules and budgets.
- Includes a complete package that accommodates all desires of the Sheriff's Department.



The Shockey, LLC team is exceptionally qualified to bring about this ambitious project:

- Shockey has been a leader in the development of PPEA opportunities throughout the Commonwealth, with five projects under comprehensive agreement.
- Shockey's track record in meeting challenging schedules for moderate and large-scale building projects is solid. Our current role in the construction of nearly \$220 million in construction projects exemplifies our ability.
- Shockey's team members have also been active in the first public-private developments in Virginia.
- Our design team has experience at the site, having recently completed the Planning Study to expand the Adult Detention Center for the County.

We do not take lightly the responsibility implied in making this proposal. Our time and our proposal are equal to this important task.

### THE RIGHT SOLUTION

Loudoun County has a long and proud history of providing top-quality, cost-efficient public facilities. Current demands make it necessary that the County act quickly and responsibly in accomplishing the project outlined above. Shockey, LLC is a long-standing member of the Loudoun business community, committed to the community and its future. We would be proud to partner with the County to accomplish the County's objectives in an innovative and cost-effective manner.



## EXECUTIVE SUMMARY

The following information required by Loudoun County's Policy for Implementation of the Public-Private Education Facilities and Infrastructure Act of 2002, revised December 6, 2005, can be found in the corresponding Sections of this proposal.

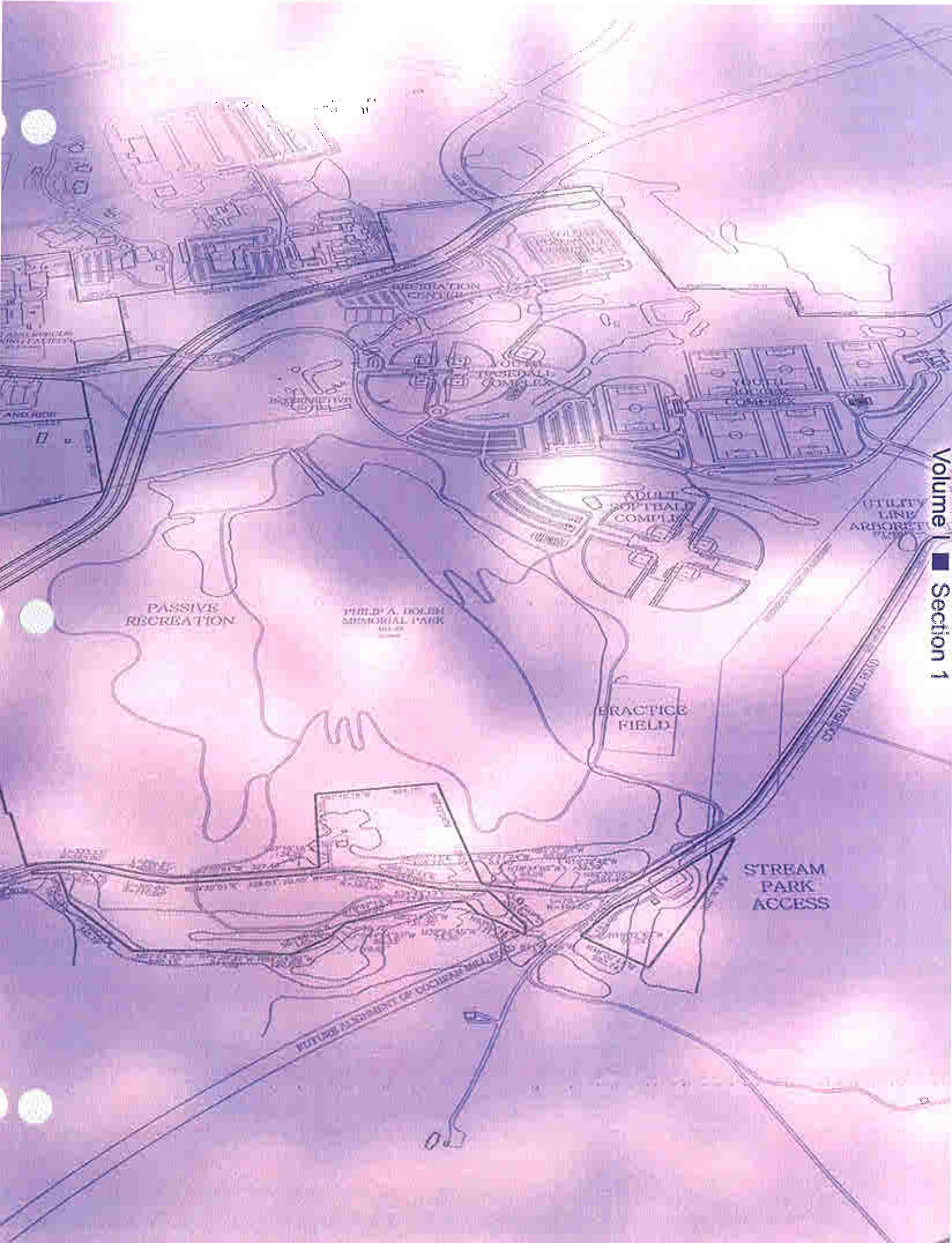
<u>REQUIREMENT</u>	<u>PROPOSAL SECTION</u>
1. A topographical map (1:2,000 or other appropriate scale) depicting the location of the proposed project.	Volume II – Section 5
2. Conceptual site plan indicating proposed location and configuration of the project on the proposed site;	Volume II – Section 5
3. Conceptual (single line) plans and elevations depicting the general scope, appearance and configuration of the proposed project;	Volume II – Section 5
4. Detailed description of the proposed participation, use, and financial involvement of the County. Include the proposed terms and conditions for the project;	Volume I – Section 3
5. A list of public utility facilities, if any, that will be crossed by the qualifying project and a statement of the plans of the proposer to accommodate such crossings.	Volume II – Section 5
6. Information relating to the current plans for development of facilities to be used by a public entity that are similar to the qualifying project being proposed by the private entity, if any, of each affected jurisdiction;	Volume I – Section 4
7. A statement and strategy setting out the plans for securing all necessary property and/or easements.	Not Applicable
8. A detailed listing of all firms, along with their relevant experience and abilities, that will provide specific design, construction and completion guarantees and warranties, and a brief description of such guarantees and warranties along with a record of any prior defaults for performance.	Volume I – Section 1
9. A total life-cycle cost, including maintenance, specifying methodology and assumptions of the project or projects including major building systems (e.g., electrical, mechanical, etc.), and the proposed project start date. Include anticipated commitment of all parties; equity, debt, and other financing mechanisms; and a schedule of project revenues and project costs. The life-cycle cost analysis should include, but not be limited to, a detailed analysis of the projected return, rate of return, or both, expected useful life of facility and estimated annual operating expenses using County adopted service levels and standards.	Volume I – Section 3
10. A detailed discussion of assumptions about user fees or rates, lease payments and other service payments, and the methodology and circumstances for changes, and usage of the projects over the useful life of the projects.	Not Applicable



## EXECUTIVE SUMMARY

<u>REQUIREMENT</u>	<u>PROPOSAL SECTION</u>
11. Identification of any known government support or opposition, or public support or opposition for the project. Government or public support should be demonstrated through resolution of official bodies, minutes of meetings, letters, or other official communications.	Volume 1 – Section 4
12. Demonstration of consistency with appropriate County and/or affected jurisdiction comprehensive plans (including related environmental, land use and facility standards ordinances, where applicable), infrastructure development plans, transportation plans, the capital improvement plan and capital budget, or indication of the steps required for acceptance into such plans.	Volume I – Section 4
13. Explanation of how the proposed project would impact the County's or affected jurisdiction's development plans.	Volume I – Section 4
14. Description of an ongoing performance evaluation system or database to track key performance criteria, including but not limited to, schedule, cash management, quality, worker safety, change orders, and legal compliance.	Volume I – Section 1
15. Identification of the executive management and the officers and directors of the firm or firms submitting the proposal. In addition, identification of any known conflicts of interest or other factors that may impact the County's consideration of the proposal, including the identification of any persons known to the proposer who would be obligated to disqualify themselves from participation in any transaction arising from or in connection to the project pursuant to The Virginia State and Local Government Conflict of Interest Act, Chapter 31 (§ 2.2-3100 et seq.) of Title 2.2.	Volume I – Section 1
16. Acknowledge conformance with Sections 2.2 – 4367 through 2.2-4377 of the Code of Virginia, the Ethics in Public Contracting Act;	Volume I – Section 2
17. Additional material and information as the County may reasonably request.	







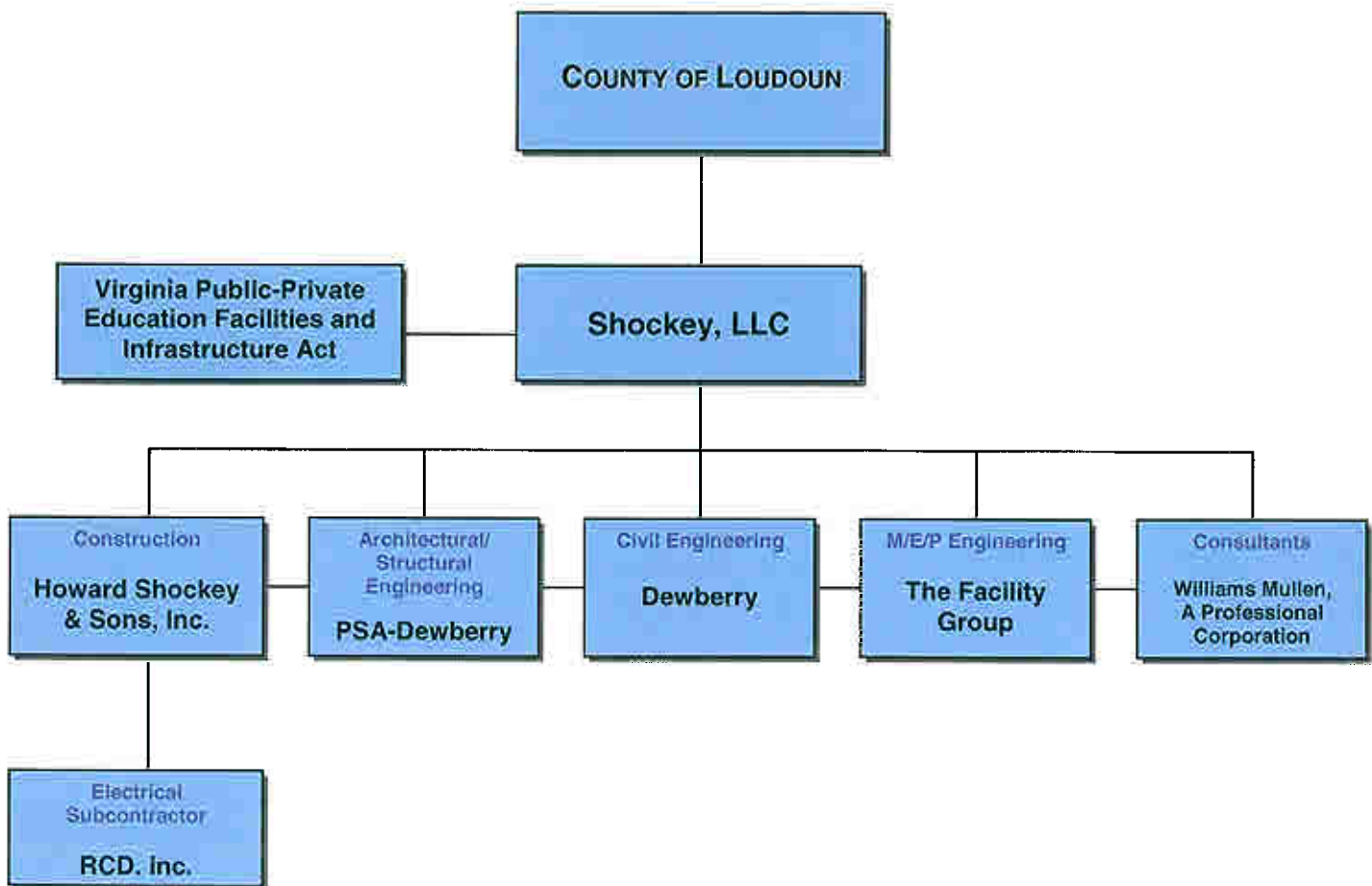
## SECTION 1: QUALIFICATIONS & EXPERIENCE

1. *Experience, training, and preparation with similar projects;*
2. *Demonstration of ability to perform work;*
3. *Demonstrated record of successful past performance, including timeliness of project delivery, compliance with plans and specifications, quality of workmanship, cost-control and project safety;*
4. *Demonstrated conformance with applicable laws, codes, standards, regulations, and agreements on past projects.*

The factors requested in Items 1 through 4 above are included throughout Section 1 of this proposal.

5. *Leadership structure;*

This proposal is being submitted by Shockey, LLC, which has assembled a team of industry and professional leaders. The following constitutes the proposed structure of our team and the consortium of firms that have been assembled thus far.







## SECTION 1: QUALIFICATIONS & EXPERIENCE

### **SHOCKEY, LLC:**

Primary point of contact  
Team leader

### **HOWARD SHOCKEY & SONS, INC.**

Virginia license number 2701001122A  
Prime construction contractor

### **PSA-DEWBERRY INC.:**

Individual members of this firm are licensed to practice architecture in Virginia. Please see following resumes for license information.

Architecture  
Planning  
Structural Engineering  
Site/Civil Engineering (*Dewberry*)  
Other design services

### **THE FACILITY GROUP:**

Mechanical/Electrical/Plumbing Engineering  
Programming Review & Validation

### **WILLIAMS MULLEN, A PROFESSIONAL CORPORATION:**

Team members are licensed to practice law in Virginia.  
Legal services  
Government Affairs

### **RCD, INC.**

Electrical Subcontractor

### ***Conflict of Interest***

The proposer knows of no persons on its team who would be obligated to disqualify themselves from participation in any transaction arising from or in connection to the project pursuant to The Virginia State and Local Government conflict of Interest Act, Chapter 31§2.2-3100, et seq., of the Code of Virginia (1950), as amended.



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### EXPERIENCE OF KEY TEAM MEMBERS:

#### ***Shockey, LLC***

"You Imagine It – Shockey Can Build It."

Shockey, LLC is the entity submitting this proposal, and will be the team leader for the consortium and primary point of contact for the County.

#### ***Howard Shockey & Sons, Inc.***

A leader in the construction industry and headquartered in Winchester, VA for more than 110 years, Shockey provides general contracting, at-risk construction management, design-build, preconstruction and turnkey services. Shockey serves the Mid-Atlantic region with considerable presence in the Commonwealth of Virginia. The company puts nearly \$200 million worth of construction in place each year.

Shockey maintains an excellent safety record with an Experience Modification Rating for the past three years ranging from .70 to .62. Shockey's well-established safety program and focus on accident prevention contributes toward maintaining a safe and healthy environment for all employees, project personnel and members of the general public affected by our construction projects.

Shockey's performance record is equally strong. The firm's projects range in size from \$100,000 to \$80 million and include such high-profile projects as the Potomac Highlands Regional Jail, Rockingham/Harrisonburg Joint Judicial Complex, CFW Regional Jail, Middle River Regional Jail, Botetourt-Craig Public Safety Facility and Regional Jail, and Loudoun County Adult Detention Center. In addition, Shockey has excellent bonding capacity.

Shockey's attention to detail, communication, vision and a strong management team during the preconstruction phase assures our clients that change orders will be insignificant and help our projects stay on time and budget.

The process of working as a partner with the owner and architect/engineer to successfully develop a construction project, from initial concept through full design and construction, is a primary area of focus for Shockey. We have performed this service for many years, and today Shockey is recognized by owners and architect/engineers as one of the best in the industry at delivering projects using this approach. This is best illustrated by the fact amount of Shockey's negotiated work.



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### ***PSA-Dewberry Inc.***

Phillips Swager Associates (PSA) was acquired by the Dewberry Companies to create the new firm of PSA-Dewberry. Specifically, PSA operations were merged with the staff of Dewberry Design Group and now operate from offices throughout the Mid-Atlantic, Northeast and the Mid-West. This new design group has current projects in various stages of development totaling near a billion dollars, and has served a wide variety of public clients in the United States in 30 + states to date. Dewberry also has three Maryland offices, that will assist PSA-Dewberry on this project.

The relationship of PSA and Dewberry began in the 1980's and 1990's, when as separate entities, the two firms began working together with localities and state agencies throughout the Mid-Atlantic. Primarily, the work consisted of the design of state correctional centers, local detention centers, regional jails, and juvenile detention facilities. Today, the combined Fairfax office of PSA-Dewberry has grown to include a staff of 30 architects, interior designers, and support personnel whose correctional clients include: Frederick County, MD; the Maryland Dept. of Public Safety and Correctional Services; the Federal Bureau of Prisons; and the Virginia Department of Juvenile Justice; county detention centers and regional jail clients throughout state amongst others.

With an in-depth knowledge of the issues encompassing correctional design, a clear understanding of governmental design and construction requirements, and recent experience with Loudoun County, PSA-Dewberry is well qualified to address the unique requirements of the Loudoun County Adult Detention Center Expansion Phase II project. PSA-Dewberry will provide the project management, correctional planning, architectural design and documentation, interior design, structural engineering services, and construction administration services.



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### CORPORATE DATA - PSA-DEWBERRY

Established in 1954  
<http://www.psadewberry.com>

#### Offices

##### Fairfax, VA

Corporate Headquarters  
 8401 Arlington Boulevard  
 Fairfax, VA 22031-4666  
 (703) 698-9050 phone  
 (703) 698-9049 fax

##### Boston, MA

31 St. James Avenue, 3<sup>rd</sup> Floor  
 Boston, MA 02116  
 (617) 695-3400 phone  
 (617) 695-3310 fax

##### Tulsa, OK

1350 South Boulder, #600  
 Tulsa, OK 74119  
 (918) 587-7283 phone  
 (918) 587-0071 fax

##### Naperville, IL

40 Shuman Boulevard, #175  
 Naperville, IL 60563  
 (630) 548-7000 phone  
 (630) 548-7001 fax

##### Dallas, TX

7557 Rambler Road, #670  
 Dallas, TX 75231  
 (469) 232-5200 phone  
 (469) 232-5201 fax

##### Peoria, IL

401 S.W. Water Street, #701  
 Peoria, IL 61602  
 (309) 282-8000 phone  
 (309) 282-8001 fax

##### Chicago, IL

343 Dearborn Street, #203  
 Chicago, IL 60604  
 (312) 566-9001 phone  
 (312) 566-9015 fax



**PSA-Dewberry Fairfax Offices**  
 Fairfax, Virginia

#### PERSONNEL

Registered Architects	60
Architectural Design/Production	43
Administration	30
Information Technology	5
Cost Estimating	1
Construction Administration	10
Specification Writing	2
Technology/Security Design	5
Interior Design	12
Landscape Architect	1
Mechanical Engineers	3
Structural Engineers	6
Civil Engineers	4
Electrical Engineers	3
Plumbing Engineers	1
<u>Engineering Design/Production</u>	<u>19</u>
<b>Total</b>	<b>212</b>

#### Professional Disciplines

Architectural Planning/Design  
 Structural Engineering  
 Mechanical Engineering  
 Electrical Engineering  
 Plumbing Engineering  
 Civil Engineering  
 Fire Protection

Facilities Program Development  
 Construction Administration  
 Interior Design  
 Security/Technology Design  
 Landscape Architecture  
 Cost Estimating

#### Service Markets

Criminal Justice  
 Government  
 Commercial  
 Industrial

Healthcare  
 Wellness  
 Fitness  
 Education

Housing  
 Recreation  
 Religious  
 Federal



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### DEWBERRY CORPORATE OVERVIEW

Established in 1956  
<http://www.dewberry.com>

#### Virginia Offices

- **Fairfax, VA**  
 Corporate Headquarters  
 8401 Arlington Boulevard  
 Fairfax, VA 22031  
 (703) 849-0100 phone  
 (703) 849-0118 fax
- **Arlington, VA**  
 2101 Wilson Boulevard, #200  
 Arlington, VA 22201  
 (703) 516-2200 phone  
 (703) 849-0654 fax
- **Culpeper, VA**  
 14115 Lovers Lane, #20  
 Culpeper, VA 22701  
 (540) 727-2860 phone  
 (540) 727-2861 fax
- **Danville, VA**  
 551 Piney Forest Road  
 Danville, VA 24540-3353  
 (434) 797-4497 phone  
 (434) 797-4341 fax
- **Fredericksburg, VA**  
 4621 Carr Drive  
 Fredericksburg, VA 22408  
 (540) 891-9221 phone  
 (540) 891-9231 fax
- **Leesburg, VA**  
 602 South King Street, #201  
 Leesburg, VA 20175  
 (703) 771-8004 phone  
 (703) 771-4091 fax
- **Manassas, VA**  
 Battlefield Business Park  
 10525 Battleview Parkway  
 Manassas, VA 20109  
 (703) 369-4933 phone  
 (703) 631-2834 fax
- **Richmond, VA**  
 9881 Mayland Drive, #201  
 Richmond, VA 23233  
 (804) 290-7957 phone  
 (804) 290-7928 fax
- **Winchester, VA**  
 611 W. Jubal Early Drive  
 Building B, Suite C  
 Winchester, VA 22601  
 (540) 678-2700 phone  
 (540) 678-2703 fax

#### Service Markets

Criminal Justice	Healthcare
Government	Wellness
Commercial	Fitness
Industrial	Education

#### Service Disciplines

Architectural Planning/Design	Landscape Architecture
Facilities Program Development	Design-Build
Interior Design	Emergency Management
Structural Engineering	Environmental Engineering
Mechanical Engineering	Federal Program Management
Electrical Engineering	Geographic Information
Plumbing Engineering	Land Development
Civil Engineering	Municipal Infrastructure
Fire Protection	Telecommunications
Security/Technology Design	Transportation
Cost Estimating	Water Resources
Construction Administration	



**Dewberry Corporate Headquarters**  
 Fairfax, Virginia

#### PERSONNEL

Administrative	214
Architects	97
CADD Technicians	150
Civil Engineers	276
Coastal Engineers	2
Computer Specialists	32
Construction Inspectors	100
Cost Engineers/Estimators	4
Disaster Response Specialists	25
Ecologists	4
Economists/Financial Analysts	21
Electrical Engineers	40
Environmental Engineers	43
Environmental Specialists	24
Geologists	5
GIS Specialists	56
Hazardous Materials Specialists	7
Hydrographic Surveyors	28
Hydrologists	8
Interior Designers	11
Land Surveyors	147
Landscape Architects	16
Mechanical Engineers	49
Planners – Urban/Regional	22
Prgm Analysts/Prgm Managers	24
QA/QC Specialists	7
Sanitary Engineers	22
Security Specialists	7
Soils Engineers	8
Structural Engineers	104
Technical Specification Writers	14
Training Experts	3
Transportation Engineers	78
Wetlands Biologists	3
<b>Total</b>	<b>1,651</b>





## SECTION 1: QUALIFICATIONS & EXPERIENCE

### *The Facility Group*

The Facility Group, established in 1986, is a full-service firm that provides professional planning, architecture, engineering, program management and construction management services. With annual revenues of \$250 million, they are recognized for their ability to deliver quality projects according to an accelerated schedule. They are ranked among *Engineering News Record's* annual list of **Top 100 Design/Build Firms** and **Top 500 Design Firms**, and *Building Design and Construction's* **Top 50 Engineer/Architecture Firms**.

Headquartered in Atlanta (Smyrna), Georgia, they operate offices in Seattle, Washington; Newport Beach, California; Chicago, Illinois; Oklahoma City, Oklahoma; and Kansas City, Missouri and employ more than 300 professional planners, architects, engineers, estimators, program managers and construction specialists.

The Facility Group maintains the **FACILITY DESIGN GROUP, INC. (FDG)**. FDG is the architecture and engineering arm of their firm and consists of approximately 60 design professionals qualified in the full range architecture and engineering disciplines. Their award-winning architectural design team has significant experience in all facets of programming, planning, architecture and engineering. FDG is organized into three distinct studios: Criminal Justice, Educational and Industrial.

FDG's Justice Division has extensive experience in planning and programming the full spectrum of justice facilities, including jails, prisons, adult and juvenile detention centers, work-release centers, courthouses, and law enforcement facilities across the United States.

All of their justice planners have been recognized nationally for their ability to deliver the high quality criminal justice planning and programming services. Since 1985, their justice planners have completed **over 300 criminal justice projects**, which include:

- Detailed feasibility studies
- Facility analysis
- Operational analysis
- Inmate population projections
- Site evaluations
- Space Programming
- Scheduling
- Staffing plans and analyses
- Correctional facility architectural programs
- Court architectural programs
- Juvenile architectural programs
- Fire & Rescue architectural programs
- Community-based corrections plans
- Transition and facility activation projects
- Criminal justice needs assessments
- E911/EOC facility programming and planning
- Master site planning
- Landscape architecture



## SECTION 1: QUALIFICATIONS AND EXPERIENCE

---

### ***RCD, inc.***

Founded in 1983 in Virginia as a full service Electrical Contractor, RCD offers a vast range of electrical services to Virginia, Maryland, West Virginia and Washington, D.C.

RCD, inc. offers electrical design/build and technical consulting services that can reduce costs for industrial and commercial construction. Under the "Design/Build" method, the customer is directly involved with the conception and control of the project without any engineering delays.

RCD's commercial/industrial division is among the most qualified in the industry, consisting of more than 100 years combined electrical experience. The staff fully compliments a well-seasoned team of superintendents, foremen, and skilled electricians. This experience results in a resume of successfully completed projects ranging from correctional facilities, healthcare facilities, office building, manufacturing facilities and warehouses to major electrical service retrofits, shopping centers and other industrial and commercial projects.

RCD is qualified to undertake electrical projects of virtually any size and complexity. Each project, no matter the size or complexity, receives the same personal attention, professionalism, and quality workmanship.

The following is a list of some of the recently projects RCD has completed:

- Loudoun County Adult Detention Center Phase - I
- Inova Fairfax Hospital-Upgrades and Renovations
- Westminster Canterbury
- Winchester Medical Center – ED Expansion
- Loudoun Hospital Birthing Inn
- Aerospace Corporate Tenant Fitout



## SECTION 1: QUALIFICATIONS AND EXPERIENCE

### ***Williams Mullen, A Professional Corporation***

Williams Mullen will provide legal services related to the proposal and the project. These services will include coordination and development of contractual arrangements between the parties, as well as assistance with public finance and governmental affairs matters.

Williams Mullen provides comprehensive legal services to regional, national and international business clients. With 250 attorneys, the Virginia-based firm delivers innovative solutions to support its clients' diverse business activities. Comprehensive knowledge, broad-ranging experience and an extensive application of new technology and legal information services have been the foundation of Williams Mullen's progressive approach to law practice since the firm was founded more than 90 years ago. Williams Mullen has offices across Virginia (seven locations) and in Washington, D.C.

Williams Mullen attorneys have extensive experience in working with businesses and governmental entities seeking public-private partnering arrangements. The firm has assisted partnership efforts to create public transportation facilities, schools, public safety and correctional facilities, parking facilities, social services buildings, luxury hotels, entertainment and athletic complexes, public parks and golf courses, among others. In Virginia, the firm has been extensively involved in dozens of different proposals under the Virginia Public-Private Education Facilities and Infrastructure Act of 2002 and the Virginia Public-Private Transportation Act. With respect to the PPEA, the firm's lawyers were instrumental in drafting the Act, the Model Guidelines for public entities, and the Commonwealth of Virginia Guidelines. In addition, Williams Mullen attorneys have lectured at several recent seminars on the PPEA and PPTA.

With respect to public finance services, Williams Mullen attorneys have experience representing state and local governments in the issuance of general obligation bonds and revenue bonds for a myriad of different types of public facilities ranging from schools to prisons to urban office buildings and parking garages. The firm has authored approving opinions as bond counsel on both appropriation and subject to appropriation debt structures. Its lawyers are frequently called upon for advice by conduit borrowers, municipalities, banks and corporate trustees on all aspects of public finance, including federal tax laws, regulations and rulings, as well as matters relating to state and local debt.

Julious P. Smith, Jr. Chairman & Chief Executive Officer  
R. Brian Ball, Vice President  
Donald H. Clark, Vice President  
Thomas R. Frantz, President & Chief Operating Officer  
Samuel W. Hixon, III, Treasurer  
Brooks Hock, Secretary  
Catherine M. Marriott, Vice President  
Thomas B. McVey, Vice President  
James V. Meath, Vice Chairman  
Craig L. Mytelka, Vice President  
William A. Old, Jr., Vice President  
Craig L. Rascoe, Vice President  
David A. Reed, Vice President  
Malcolm E. Ritsch, Jr., Vice President  
John L. Walker, III, Vice President  
Howard W. Dobbins, Vice Chairman Emeritus  
Danny W. Jackson, Executive Director (Ex Officio)



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### **Key Personnel**

Resumes of the following individuals follow:

#### ***Shockey, LLC***

Don Cooper - President  
Frank Kemp – Vice President  
Jeff Boehm - Vice President  
Evrard Neil- Contracts/Preconstruction Manager  
George Stickman – Project Manager  
Scott Kimble – Project Superintendent  
James Brinkmeier – Business Development Representative

#### ***PSA-Dewberry Inc.***

James L. Beight, AIA – Principal-in-Charge  
Marlene Walli Shade, AIA, LEED – Project Manager  
James Matarelli, AIA – Lead Corrections Designer  
Brad Hall, AIA – Senior Corrections Architect  
Brett Pudik, AIA – Senior Corrections Architect  
J Michael Henson – Security/Technology Specialist  
Timothy Smith – Data Communications Specialist  
Carroll D. Ringlestein, PE – Structural Engineer

#### ***Dewberry***

William Fissell, PE – Civil Engineer  
Thomas Whipp – Senior Civil Engineer

#### ***The Facility Group***

Peter G. Rich – Program Review & Validation  
Philip E. Poirrier, PE – Engineering Project Manager  
Greg R. Brandon, PE – Mechanical Engineer  
Mark O'Grady, PE – Electrical Engineer  
Mike Mahady, CPD – Plumbing/Fire Protection Engineer

#### ***Williams Mullen, A Professional Corporation***

Charles E. Wall – Partner  
William W. Harrison, Jr. – Partner  
Ralph "Bill" L. Axselle, Jr. – Partner  
R. Hart Lee – Partner

#### ***RCD, inc.***

Robert (Curt) Damico – President  
Jamie L. Kline – Executive Vice President  
Dave C. Damico – Vice President (Business Development)  
John Flood – Vice President (Construction)  
Steven D. Shuman – Project Superintendent



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### JAMES L. BEIGHT, AIA

#### *Principal-in-Charge*

Mr. Beight has nearly 30 years of experience and is an award-winning designer of public projects with a specialized background in justice and law enforcement. He has extensive experience in correctional and detention facility design and project management, including the new Frederick Work Release Center. He is also the Lead Planner on the Public Safety Master Plan for Loudoun County and recently finished working on the Planning Study to expand the County's Adult Detention Center.

#### SELECTED EXPERIENCE

**COUNTY OF LOUDOUN COMMUNITY CORRECTIONS PLAN AND JAIL EXPANSION PLANNING STUDY, LEESBURG, VIRGINIA.** Project Designer for the jail expansion planning study of the Loudoun County Adult Detention Center for additional housing, a classification unit and a new intake area, 2005 (study complete)

**CENTRAL VIRGINIA REGIONAL JAIL ADDITIONS AND RENOVATIONS, ORANGE, VIRGINIA.**

Principal-in-Charge/Lead Designer of 100-bed housing expansion and interior renovation of existing regional jail. Project included expansion of visitation, laundry, and administration, construction of new special needs housing and a new vehicle sallyport, and major site improvements, 23,000 SF, \$5.1 million, 2001

**FREDERICK COUNTY ADULT DETENTION CENTER EXPANSION (PHASE IV), FREDERICK, MARYLAND**

Principal-in-Charge for the design, construction documentation and construction administration for an addition of 112 general housing unit beds and a 24-bed centralized medical unit for the existing detention facility. The project also includes fire alarm upgrades and re-roofing the existing detention center, \$9.1M, 25,200 SF, 2009(est.)

**FREDERICK COUNTY WORK RELEASE CENTER, FREDERICK, MARYLAND**

- Principal-in-Charge / Designer for the conversion of the of the existing work release unit into additional administrative offices, a locker room and a muster room for the Frederick County Sheriff Department's staff, 15,000 SF, \$1.7 million (est.), 2006 (est.)
- Principal-in-Charge / Designer for a new, 128-bed, two-story Work Release Facility. The new Work Release facility was designed as a "college dormitory" style, minimum-security facility. The building includes a central court serving as an additional day room space, treatment, library, classroom and other programmed activity spaces, 25,600 SF, \$3.45 million (low bid), 2005

**RAPPAHANNOCK REGIONAL JAIL, PLANNING STUDY, STAFFORD, VIRGINIA.** Principal-in-Charge of an expansion planning study for a jail serving the City of Fredericksburg and the Counties of Stafford, King George and Spotsylvania, 2005 (study complete)

**TAZEWELL COUNTY/CITY OF PEKIN PUBLIC SAFETY BUILDING, PEKIN, ILLINOIS.** Planner for needs assessment and project indemnification of a new facility for the Pekin Police Department and the Tazewell County criminal justice system, including areas of adult and juvenile detention, sheriff's law enforcement, courts and necessary court supporting agencies, 1997 (study complete)

**VIRGINIA DEPARTMENT OF JUVENILE JUSTICE, NEW INFIRMARY / SCHOOL BUILDING AT THE BON AIR JUVENILE JUSTICE CENTER, BON AIR, VIRGINIA.** Principal-in-Charge and Lead Designer for a new school and medical facility for the Reception and Diagnostic Center (RDC) and the Bon Air Complex as a whole. The school portion of the building will house classrooms, school administrative space, and a gymnasium. The infirmary will provide medical treatment to both RDC wards and to those brought in from other state juvenile correctional facilities; additionally the infirmary consolidates counseling and treatment areas (i.e. substance abuse) from the individual RDC housing units, 42,000 SF, \$8.501 million, 2007 (est.)

#### EDUCATION

- Master of Architecture, 1986, University of Florida
- Bachelor of Design, 1977 University of Florida

#### REGISTRATIONS

- Architect - Florida, Virginia, Pennsylvania, Maryland, NCARB

#### AFFILIATIONS

- American Institute of Architects
- National Association of Courts Management

#### AWARDS

- National Association of Industrial and Office Properties (NAIOP), Northern Virginia Chapter, Ashburn Library: Best New Building in Northern Virginia, Institutional Category, 2003





## SECTION 1: QUALIFICATIONS & EXPERIENCE

### MARLENE WALLI SHADE, AIA, LEED™

#### *Project Manager*

Ms. Shade has over 20 years of experience in all phases of the architectural design process from pre-design, through construction documents, bidding and construction administration. With every client, Ms. Shade attempts to achieve a functional project that not only meets the programmatic needs, but also stays within the specified budget and time schedule. She has extensive construction administration experience, and is well-versed in shop drawing reviews and responding to bidding and construction inquiries from the field. Furthermore, Ms. Shade is LEED certified and extremely knowledgeable about the ADA requirements within correctional facilities.

#### SELECTED EXPERIENCE

**RAPPAHANNOCK REGIONAL JAIL, PLANNING STUDY, STAFFORD, VIRGINIA.** Senior Project Architect of an expansion planning study for a jail serving the City of Fredericksburg and the Counties of Stafford, King George and Spotsylvania, 2005 (study complete)

**FREDERICK COUNTY ADULT DETENTION CENTER EXPANSION (PHASE IV), FREDERICK, MARYLAND** Project Manager for the design, construction documentation and construction administration for an addition of 112 general housing unit beds and a 24-bed centralized medical unit for the existing detention facility. The project also includes fire alarm upgrades and re-roofing the existing detention center, \$9.1M, 25,200 SF, 2009(est.)

#### **FREDERICK COUNTY WORK RELEASE CENTER, FREDERICK, MARYLAND**

- Project Manager for the conversion of the of the existing work release unit into additional administrative offices, a locker room and a muster room for the Frederick County Sheriff Department's staff, 15,000 SF, \$1.7 million (est.), 2006 (est.)
- Project Manager for a new, 128-bed, two-story Work Release Facility. The new Work Release facility was designed as a "college dormitory" style, minimum-security facility. The building includes a central court serving as an additional day room space, treatment, library, classroom and other programmed activity spaces, 25,600 SF, \$3.45 million, 2005

#### **CENTRAL VIRGINIA REGIONAL JAIL ADDITIONS AND RENOVATIONS, ORANGE, VIRGINIA.**

Project Manager/Project Architect for a 100-bed housing expansion and interior renovation of existing regional jail. Project included expansion of visitation, laundry, and administration, construction of new special needs housing and a new vehicle Sallyport, and major site improvements, 23,000 SF, \$5.1 million, 2001

**VIRGINIA DEPARTMENT OF JUVENILE JUSTICE NEW INFIRMARY / SCHOOL BUILDING AT THE BON AIR JUVENILE JUSTICE CENTER, BON AIR, VIRGINIA.** Project Manager for the design of a new school and medical facility for the Reception and Diagnostic Center (RDC) and the Bon Air Complex as a whole. The school portion of the building will house classrooms, school administrative space, and a gymnasium. The infirmary will provide medical treatment to both RDC wards and to those brought in from other state juvenile correctional facilities; additionally the infirmary consolidates counseling and treatment areas (i.e. substance abuse) from the individual RDC housing units, 42,000 SF, \$8.501 million, 2007 (est.)

**TAZEWELL COUNTY / CITY OF PEKIN PUBLIC SAFETY BUILDING NEEDS ASSESSMENT STUDY, PEKIN, ILLINOIS.** Team Architect on a needs assessment and project identification of a new facility for the Pekin Police Department and the Tazewell County criminal justice system, including areas of adult and juvenile detention, sheriff's law enforcement, courts and necessary court supporting agencies, 1997

#### EDUCATION

- Bachelor of Science -- Pre-Architecture, 1977, Clemson University
- Master of Architecture, 1984, Clemson University

#### REGISTRATIONS

- Architect -- Virginia, South Carolina, Maryland, NCARB
- LEED™ 2.0 Accreditation, 2004

#### AFFILIATIONS

- American Institute of Architects
- Secretary, Northern Virginia Society of the AIA, 2004
- Director, Virginia Society of the AIA, 2001-2003

#### AWARDS

- Maryland Governor's Award of Service, 2003
- AIA, Northern Virginia Chapter, Service to Chapter Award, 2002



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### JAMES M. MATARELLI, AIA

#### *Lead Corrections Designer*

Mr. Matarelli is a Senior Lead Designer with over 35 years of experience. He has received numerous design awards for projects including the Alexandria Public Safety Facility, Alexandria, Virginia; Joseph R. Moss Justice Center, Rock Hill, South Carolina; and the North Central Connecticut Correctional Center, Suffield, Connecticut. As the Senior Correctional Designer, Mr. Matarelli will work closely with the County to convert the space program into a functional plan, and will review and advise the project team throughout the design process to ensure that the goals of this program are maintained and supported. A selection of his relevant experience follows:

#### SELECTED EXPERIENCE

**PAMUNKEY REGIONAL JAIL, HANOVER, VIRGINIA** Senior Correctional Planner/Designer for a facility serving the Counties of Hanover and Caroline and the City of Ashland, 318-bed total capacity, 126,756 SF, \$19.9 million, 1998 *Included in AIA/CAJ Justice Facilities Review, 1999-2000*

**HAYWOOD COUNTY LAW ENFORCEMENT CENTER, WAYNESVILLE, NORTH CAROLINA** Senior Correctional Planner/Designer for the master plan, site selection, and design of a new, 164-bed jail and Sheriff's Office, 52,255 SF jail, 22,800 SF law enforcement offices, 75,055 SF total, \$12 million, 2005

**TAZEWELL COUNTY JUSTICE CENTER, PEKIN, ILLINOIS** Senior Correctional Planner/Designer for the design of a new county justice center housing 220 beds. The facility includes direct supervision housing pods, video arrangement court, video visiting and a 25,000 SF Law Enforcement/Administration component with an 80 capacity training/multipurpose room. The Justice Center is sited with the Pekin City Hall/Police Station creating a Governmental Complex with adjacent county and city buildings in the central business district of Pekin, 83,000 SF, \$14.7 million, 1998 (study complete), 2003

**CASS COUNTY JUSTICE CENTER, HARRISONVILLE, MISSOURI** Senior Correctional Planner/Designer for the design of a new County Justice Center facility including a courts building with prosecuting attorneys' offices, circuit clerk's offices and judge's chamber, room for four full-service courtrooms with expansion for four future courts. Also included in the facility are a sheriff's law enforcement office and 150-bed adult jail, juvenile office and 16-bed juvenile detention facility, \$33.3 million, 2003

**VIRGINIA DEPARTMENT OF JUVENILE JUSTICE NEW INFIRMARY / SCHOOL BUILDING AT THE BON AIR JUVENILE CORRECTIONAL CENTER, BON AIR, VIRGINIA** Correctional Planner on the design of a new school and medical facility for the Reception and Diagnostic Center (RDC). The school portion of the building will house classrooms, school administrative space, and a gymnasium. The infirmary will provide medical treatment to both RDC wards and to those brought in from other state juvenile correctional facilities; additionally the infirmary consolidates counseling and treatment areas (i.e. substance abuse) from the individual RDC housing units, 42,000 SF, \$8.501 million, 2007 (est.)

**NEW CASTLE CORRECTIONAL FACILITY, NEW CASTLE, INDIANA** Senior Correctional Designer for conversion of the existing New Castle State Development Center into a correctional facility for adult male offenders with special needs. The facility includes 1,440 beds in General Population Housing, 128 beds in mental health housing, 100 beds in assisted living housing, 32 beds in the hospice/infirmary, 48 in segregated housing and 200 beds in outside minimum security housing, 600,000 SF, \$100 million, 2002

#### EDUCATION

- Bachelor of Architecture, 1969, University of Illinois

#### REGISTRATIONS

- Architect – Illinois

#### AFFILIATIONS

- American Institute of Architects  
Past President, Central Illinois Chapter  
Past Chairman of Design Committee  
Committee on Justice Awards Jury
- American Jail Association
- American Correctional Association Facility Design Committee



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### BRADLEY R. HALL, AIA *Senior Corrections Architect*

Mr. Hall is highly experienced in all phases of the architectural design process from pre-design, schematic design, design development, construction documents, bidding, through construction administration. He provides building code reviews and coordination of architectural drawings with all engineers with respect to building layout, constructability, mechanical systems, structural systems, and value engineering. He is involved in the complete process of quality assurance reviews, cost estimates, shop drawing reviews, and responds to inquiries in relation to bidding and construction documents.

#### SELECTED EXPERIENCE

**RICHLAND COUNTY JAIL, MANSFIELD, OHIO.** Senior Project Architect on the study and conceptual design of a new county jail facility adjacent to the existing courthouse and jail. The proposed new two-story facility should house 188 beds and be connected to the existing facility via a bridge connector. Renovations to the existing kitchen facility and renovation of the old jail space into county office storage and support areas was also proposed as part of this program, 60,000 SF, 2003 (study complete), \$14 million, 2007 (est.)

**TAZEWELL COUNTY JUSTICE CENTER, PEKIN, ILLINOIS.** Senior Project Architect for the design of a new county justice center housing 220 beds. The facility includes direct supervision housing pods, video arrangement court, video visiting and a 25,000 SF Law Enforcement/Administration component with an 80 capacity training/multipurpose room. The Justice Center is sited with the Pekin City Hall/Police Station to create a Governmental Complex with adjacent county and city buildings in the central business district of Pekin, 91,000 SF, \$14.7 million, 1998 (study complete), 2003 *Included in the AIA/CAJ Justice Facilities Review, 2004-2005*

**KNOX COUNTY LAW ENFORCEMENT CENTER, GALESBURG, ILLINOIS.** Senior Project Architect for the design and construction of a new 120-bed correctional facility, together with related facilities and improvements including an addition to the existing public safety building. The new facility, located in downtown Galesburg, houses a new jail in a podular design. In addition, renovation for ADA compliance standards were completed in the existing jail facility, 38,700 SF, \$7.1 million, 2003

**LAFAYETTE PARISH CORRECTIONAL CENTER RENOVATIONS, LAFAYETTE, LOUISIANA.** Senior Project Architect for the jail renovation study and multi-phase design project to provide renovations and expansions to the facility. The first phase includes design of a new maintenance building inside the security fence, and exterior window modifications to improve security. The second phase provides renovations and retrofits for the jail including a security electronics upgrade, existing cell door and lock renovations, and a new first floor intake/booking/ medical area, \$5 million, 2005

**SULLIVAN COUNTY JAIL, BLOUNTVILLE, TENNESSEE.** Senior Project Architect for the major jail expansion on a phased construction basis, with 144 new beds and a new intake center, medical, and visiting areas, \$12 million, 2000

**JEFFERSON COUNTY JAIL, LOUISVILLE, KENTUCKY.** Senior Project Architect on the conversion of the existing Metropolitan Sanitary District Building to a county jail facility. This facility will have a new intake center, as well as 1,020 new beds, inmate program space, and new county correctional administrative offices. The renovated building will be connected by bridge to the Hall of Justice which will provide secure movement for food service and inmates, \$18.5 million, 1999

#### EDUCATION

- 1973, Illinois Central College and UTI Technical School

#### REGISTRATIONS

- Architect – Illinois, Minnesota, Kentucky, Louisiana
- Certified Plans Examiner for BOCA
- Certified Plans Examiner for SBBCI

#### AFFILIATIONS

- American Institute of Architects
- National Association of Courts Management

#### AWARDS

- American Institute of Architects
- American Correctional Association
- American Jail Association
- National Fire Protection Association





## SECTION 1: QUALIFICATIONS & EXPERIENCE

### BRETT S. PUDIK, AIA, NCARB *Senior Corrections Architect*

Brett has over 16 years of professional experience including numerous municipal facilities where he was the project architect on projects ranging in size from 27,000 SF to 550,000 SF

#### SELECTED EXPERIENCE

**JEFFERSON COUNTY JAIL, LOUISVILLE, KENTUCKY.** Conversion of the existing Metropolitan Sanitary District Building to a county jail facility. This facility has a new intake center, as well as 1,020 new beds, inmate program space, and new county correctional administrative offices. The renovated building is connected by bridge to the Hall of Justice which provides secure movement for food service and inmates from and to the Hall of Justice, \$18.5 million, 1999

**STEPHENSON COUNTY JAIL, FREEPORT, ILLINOIS.** Correctional Planner/Architect for the design of a new, state-of-the-art security control and surveillance with efficient direct-supervision jail design. This 156-inmate capacity jail has an immediate double-bunking capacity of 200 inmates and future capacity to house 316 total inmates, 61,800 SF, \$9.2 million, 1999

**JOSEPH R. MOSS JUSTICE CENTER OF YORK COUNTY, YORK, SOUTH CAROLINA.** This 271,400 SF direct-supervision facility consists of a direct supervision jail, sheriff's office facility, and courts facility, all having capability for expansion. The jail and county prison farm consists of 336 beds with a build-out to a total of 672 beds. The criminal courts building with two main courtrooms seats 150 spectators. Also included is a Sheriff's Building consisting of administration, narcotics, detective branches, uniform patrol, evidence, and support functions, 182,500 SF Detention, 89,400 SF Criminal Justice Facilities, \$27 million, 1993

**PUTNAM COUNTY JUSTICE CENTER, COOKEVILLE, TENNESSEE.** Correctional Planner/Architect for the Justice Center containing the Sheriff's Department, 166-bed detention facility, five courtrooms, and adjunct facilities. The Center is located on a 5.2-acre site across from the County Courthouse and is designed for future expansion, 104,000 SF, \$11.2 million, 1993

**GRUNDY COUNTY JAIL EXPANSION PHASE II, MORRIS, ILLINOIS.** Correctional Planner/Architect on the jail renovation that added 22 beds, a new dispatch and control center, and three additional secure visiting stations. The entire jail facility received the latest technology in security electronics and controls, booking equipment, new detention lighting, doors, frames, and locks, 5,700 SF, \$1.9 million, 2000

**MONTGOMERY COUNTY CORRECTIONAL FACILITY STUDY, CRAWFORDSVILLE, INDIANA** Correctional Planner/Architect on a study developing the capacity projections, architectural space program, and site analysis for a new 200+ bed jail for the County, 77,875 SF, \$11.5 million (est.), 2002 (study complete)

**MARSHALL COUNTY DETENTION AND SHERIFF'S DEPARTMENT, PLYMOUTH, INDIANA.** Correctional Planner/Architect for a feasibility study to evaluate the County's detention and Sheriff Department needs. Three use agencies were studied for space requirements including Jail, Dispatch, and Sheriff's Department. Site options were also studied, 57,207 SF, \$14.5 million (est.), 2002 (study complete)

#### EDUCATION

- Master of Architecture, 1993, University of Michigan
- Bachelor of Science - Architecture, 1989, University of Illinois

#### REGISTRATIONS

- Architect - Illinois, Michigan, NCARB

#### AFFILIATIONS

- American Institute of Architects
- American Jail Association
- National Trust for Historic Preservation
- Frank Lloyd Wright Foundation



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### J. MICHAEL HENSON *Technology/Security Specialist*

Mr. Henson is the leader of the PSA-Dewberry Technology Studio which serves as a national technical design resource for the entire Dewberry enterprise. He has extensive experience planning, designing and managing complex municipal, state, federal and private sector security projects

#### SELECTED EXPERIENCE

##### **CENTRAL VIRGINIA REGIONAL JAIL ADDITIONS AND RENOVATIONS, ORANGE, VIRGINIA.**

Technology/Security Specialist for a 100-bed housing expansion and interior renovation of existing regional jail. Project included expansion of visitation, laundry, and administration, construction of new special needs housing and a new vehicle sallyport, and major site improvements, 23,000 SF, \$5.1 million, 2001

**KNOX COUNTY LAW ENFORCEMENT CENTER, GALESBURG, ILLINOIS.** Technology/Security Specialist for the design and construction of a new 120-bed correctional facility, together with related facilities and improvements including an addition to the existing public safety building. The new facility, located in downtown Galesburg, houses a new jail in a podular design. In addition, renovation for ADA compliance standards were completed in the existing jail facility, 38,700 SF, \$7.1 million, 2003

**TAZEWELL COUNTY JUSTICE CENTER, PEKIN, ILLINOIS.** Technology/Security Specialist for the design of a new county justice center housing 220 beds. The facility includes direct supervision housing pods, video arrangement court, video visiting and a 25,000 SF Law Enforcement/Administration component with an 80 capacity training/multipurpose room. The Justice Center is sited with the Pekin City Hall/Police Station to create a Governmental Complex with adjacent county and city buildings in the central business district of Pekin, 91,000 SF, \$14.7 million, 1998 (study complete), 2003 *Included in the AIA/CAJ Justice Facilities Review, 2004-2005*

**HAYWOOD COUNTY LAW ENFORCEMENT CENTER, WAYNESVILLE, NORTH CAROLINA.** Technology/Security Specialist for the master plan, site selection, and design of a new, 164-bed jail and Sheriff's Office, 52,255 SF jail, 22,800 SF law enforcement offices, 75,055 SF total, \$12 million, 2005

**LAFAYETTE PARISH CORRECTIONAL CENTER RENOVATIONS, LAFAYETTE, LOUISIANA.** Technology/Security Specialist for the jail renovation study and multi-phase design project to provide renovations and expansions to the facility. The first phase includes design of a new maintenance building inside the security fence, and exterior window modifications to improve security. The second phase provides renovations and retrofits for the jail including a security electronics upgrade, existing cell door and lock renovations, and a new first floor intake/booking/medical area, \$5 million, 2005

**WESTERN TIDEWATER REGIONAL JAIL SECURITY AND LIFE SAFETY RENOVATION, SUFFOLK, VIRGINIA.** Technology/Security Specialist for the renovation of the security electronics system including new PLC-based touch screen system integrating; door control and monitoring, CCTV system and security intercom/paging. Each control room will be renovated with new casework and equipment. A new addressable fire alarm system will be installed throughout the entire facility to achieve a required code compliance including full annunciation in control rooms. Modifications to the fire suppression system will occur to improve operational use of the system, 157,000 SF, \$3 million, 2007 (est.)

#### EDUCATION

- Bachelor of Business Administration / Associate of Industrial Electronics, 1980, Illinois State University
- Industrial Security System Design & Application, 1991, University of Wisconsin

#### REGISTRATIONS

- Class C Professional Private Security Alarm Contractor License - Illinois Department of Professional Regulation

#### AFFILIATIONS

- American Correctional Association
- American Society of Industrial Security
- American Institute of Architects
- Building Industry Consulting Services International
- National Systems Contractors Association





## SECTION 1: QUALIFICATIONS & EXPERIENCE

### TIMOTHY W. SMITH, CSI, RCDD/WD®

#### *Security and Communications Specialist*

Mr. Smith is PSA-Dewberry's Senior Technology Designer. With vast experience with new construction and renovation projects, his expertise can be utilized in many project applications. His security expertise includes but is not limited to: Closed Circuit Television, Digital Video Recording, Intercom Systems, Perimeter Fence Electronics, Access Control, Staff Duress, Programmable Logic Controls and Graphical User Interface Based Security Control Systems.

#### SELECTED EXPERIENCE

**RICHLAND COUNTY JAIL, MANSFIELD, OHIO.** Security and Communications Specialist on the study and conceptual design of a new county jail facility adjacent to the existing courthouse and jail. The proposed new two-story facility should house 188 beds and be connected to the existing facility via a bridge connector. Renovations to the existing kitchen facility and renovation of the old jail space into county office storage and support areas was also proposed as part of this program, 60,000 SF, 2003 (study complete), \$14 million, 2007 (est.)

**LAFAYETTE PARISH CORRECTIONAL CENTER RENOVATIONS, LAFAYETTE, LOUISIANA.** Security and Communications Specialist for the jail renovation study and multi-phase design project to provide renovations and expansions to the facility. The first phase includes design of a new maintenance building inside the security fence, and exterior window modifications to improve security. The second phase provides renovations and retrofits for the jail including a security electronics upgrade, existing cell door and lock renovations, and a new first floor intake/booking/medical area, \$5 million, 2005

**CASS COUNTY JUSTICE CENTER, HARRISONVILLE, MISSOURI.** Security and Communications Specialist for the design of a new County Justice Center facility including a courts building with prosecuting attorneys' offices, circuit clerk's offices and judge's chamber, room for four full-service courtrooms with expansion for four future courts. Also included in the facility are a sheriff's law enforcement office and 150-bed adult jail, juvenile office and 16-bed juvenile detention facility, \$33.3 million, 2003

**KNOX COUNTY LAW ENFORCEMENT CENTER, GALESBURG, ILLINOIS.** Security and Communications Specialist for the design and construction of a new 120-bed correctional facility, together with related facilities and improvements including an addition to the existing public safety building. The new facility, located in downtown Galesburg, houses a new jail in a podular design. In addition, renovation for ADA compliance standards were completed in the existing jail facility, 38,700 SF, \$7.1 million, 2003

**TAZEWELL COUNTY JUSTICE CENTER, PEKIN, ILLINOIS.** Security and Communications Specialist for the design of a new county justice center housing 220 beds. The facility includes direct supervision housing pods, video arrangement court, video visiting and a 25,000 SF Law Enforcement/Administration component with an 80 capacity training/multipurpose room. The Justice Center is sited with the Pekin City Hall/Police Station to create a Governmental Complex with adjacent county and city buildings in the central business district of Pekin, 91,000 SF, \$14.7 million, 1998 (study complete), 2003 *Included in the AIA/CAJ Justice Facilities Review, 2004-2005*

**NEW CASTLE CORRECTIONAL FACILITY, NEW CASTLE, INDIANA.** Security and Communications Specialist for conversion of the existing New Castle State Development Center into a correctional facility for adult male offenders with special needs. The facility includes 1,440 beds in General Population Housing, 128 beds in mental health housing, 100 beds in assisted living housing, 32 beds in the hospice/infirmar, 48 in segregated housing and 200 beds in outside minimum security housing, 600,000 SF, \$100 million, 2002

#### EDUCATION

- Technicians Diploma, 1984, DeVry Institute, Kansas City, Missouri

#### REGISTRATIONS

- Registered Communications Distribution Designer (RCDD®)
- Systimax ACE Program
- Certification for Wireless Design from BICSI

#### AFFILIATIONS

- Building Industry Consulting Services International
- American Society of Industrial Security
- National Systems Contractors Association
- Construction Specifications Institute
- National Association of Chiefs of Police



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### CARROLL D. RINGELESTEIN, PE

#### Senior Structural Engineer

As a Senior Structural Engineer for PSA-Dewberry, Carroll provides leadership to the entire Structural Group. He often serves dual roles on projects, as both Project Manager and Structural Engineer and interfaces with all other architectural / engineering disciplines as required.

#### SELECTED EXPERIENCE

**CASS COUNTY JUSTICE CENTER, HARRISONVILLE, MISSOURI.** Senior Structural Engineer for the design of a new County Justice Center facility including a courts building with prosecuting attorneys' offices, circuit clerk's offices and judge's chamber, room for four full-service courtrooms with expansion for four future courts. Also included in the facility are a sheriff's law enforcement office and 150-bed adult jail, juvenile office and 16-bed juvenile detention facility, \$33.3 million, 2003

**ROCK ISLAND COUNTY JAIL & COURTS, ROCK ISLAND, ILLINOIS.** Senior Structural Engineer for a jail addition of 120 minimum-security beds, three full-service felony courtrooms and support spaces. This addition increases the jail's capacity to 325 beds and provides required support and program spaces, 54,865 SF, \$10.4 million, 2000

**AURORA, PUBLIC SAFETY FACILITY, AURORA, ILLINOIS.** Senior Structural Engineer for a facility needs assessment, design and implementation of a new combination Police and Fire District Station that would encompass fire and police operations, 22,000 SF, \$5.1 million (est.), 2006

**ST. CHARLES POLICE DEPARTMENT, SAINT CHARLES, MISSOURI.** Senior Structural Engineer. Prior to beginning the design process, PSAD assisted the City by evaluating options to remodel and expand the existing facility, include or exclude the municipal court, and build two new facilities on one of seven sites considered. The design solution is located on a prominent suburban corner site, adjacent to a residential neighborhood, and includes two levels plus a partial basement. The building serves one of the ten largest police agencies in Missouri and the municipal court, 63,500 SF, \$10 million, 2003

**CITY OF MOLINE NEW POLICE FACILITY, MOLINE, ILLINOIS.** Senior Structural Engineer for the design and construction of a 3-level building on urban site with underground parking. LEED certification being sought, 66,400 SF, \$11 million, December 2005

**CITY OF BLOOMINGTON POLICE FACILITY, BLOOMINGTON, ILLINOIS.** Project manager and structural engineer for a new police facility and attached three level parking garage, 42,000 SF

**MCLEAN COUNTY, BLOOMINGTON, ILLINOIS.** Project manager and structural engineer for a new centralized communication center facility housing the county-wide public safety two-way radio system and E-911 operations staff, 6,500 SF

**U.S. FEDERAL COURTHOUSE, ROCKFORD, IL.** Senior Structural Engineer for a new federal courthouse to be built in the central business district in compliance with GSA's Design Excellence Criteria and the GSA/ISC Design Criteria for Courthouses and Federal Facilities. The project includes 52 secure interior parking spaces, 170,900 SF (including parking), \$54 million (est.), 2007

#### EDUCATION

- BS, Civil Engineering, Iowa State University, 1978

#### REGISTRATIONS

- Professional Engineer  
Virginia, Iowa, Indiana,  
Maryland, Michigan,  
Missouri, Texas
- NCEES
- Certified Construction  
Specifier - CSI

#### AFFILIATIONS

- National Society of  
Professional Engineers
- American Society of Civil  
Engineers



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### WILLIAM FISSELL, PE

#### Senior Civil Engineer

Mr. Fissel is Branch Manager of the Leesburg office and a Senior Vice President of Dewberry. His responsibilities include the overall direction of the Leesburg office and the coordination of planning activities, including feasibility studies, rezonings, special exceptions, conceptual design studies and preliminary subdivisions for both residential and commercial properties. Mr. Fissel has extensive experience in all aspects of land development. His responsibilities have included the design of site plans for commercial and residential developments, and special studies including hydraulic studies, as well as technical, preliminary engineering and land feasibility studies.

#### SELECTED EXPERIENCE

##### **LOUDOUN HOSPITAL, CORNWALL SITE, HITT CONTRACTING INC., TOWN OF LEESBURG, VA.**

Principal-In-Charge. Provided site civil and surveying services for this new emergency room. Approximately 12,000 SF of the former Loudoun Hospital facility was converted into the emergency facility. The project was granted expedited review processing in order for the developer to meet the fast track timeline imposed by the Hospital.

##### **LOUDOUN PARKWAY CENTER, RELIANCE INSURANCE COMPANY, LOUDOUN COUNTY, VA.**

Project Manager. Provided the schematic design associated with the replanning of a 108-acre portion of an existing commercial office development. Specific design considerations included organization of the remaining undeveloped parcels to provide approximately one-million SF of office space to accommodate the phased occupancy by a major user. In addition, limited commercial retail space was identified for more visible positions along VA Route 28.

**LOUDOUN HOSPITAL CENTER, MEDICAL OFFICE BUILDING ADDITION, FOULGER PRATT CONTRACTING LLC, ASHBURN, VA.** Principal-In-Charge. Provided site civil and surveying services for this 108,000-SF medical building addition to the existing Loudoun Hospital facility. Also assisted in securing site development related permits through Loudoun County. Project design began in April of 2002, with final site plan approval granted in August of 2003. The project is currently under construction with an anticipated completion date in the spring of 2005.

**ASHBURN FARMS, LOUDOUN COUNTY, VA.** Project Manager responsible for surveying for the entire project, including design of 2,950 LF of 4-lane divided street; improvements to 1,600 LF of Cedar Lane; design of a 6,630-LF, 16-inch water main with pressure reducing valve and vault; site plans with storm sewer, sanitary sewer, water mains, building locations and interior parking for townhouse and single-family subdivisions, and the site plan, landscaping and siltation and erosion control plan for the Village Recreation Center.

**GREENWAY FARM, LEESBURG, VA.** Project Engineer and Planner for the master planning, rezoning, site engineering, conceptual landscape and signage guidelines for a 170-acre residential development in Loudoun County. Program provisions included 500 residential units, commercial and public and community facilities.

**LOUDOUN GATEWAY, LOUDOUN COUNTY, VA.** Project Engineer and for the schematic design associated with the replanning of a 108-acre portion of an existing commercial office development. Specific design considerations included organization of the remaining undeveloped parcels to provide approximately 1-million SF of office space to accommodate the phased occupancy by a major user. In addition limited commercial retail space was identified for more visible positions along VA Route 28, a major approach to Washington Dulles International Airport. Services included research of existing as-builts, proffered development conditions and outstanding bonding considerations associated with the existing development.

#### EDUCATION

- BS, Civil Engineering, The Pennsylvania State University, 1976

#### REGISTRATIONS

- Professional Engineer, Virginia, 1980
- Designated Plans Examiner, Fairfax County, Virginia

#### AFFILIATIONS

- National Society of Professional Engineers
- Northern Virginia Building Industry Association
- Engineers & Surveyors Institute





## SECTION 1: QUALIFICATIONS & EXPERIENCE

### THOMAS R. WHIPP

#### *Civil Engineer*

Mr. Whipp has extensive experience in a variety of land development projects within Loudoun County. He has been responsible for the supervision of design, construction document preparation and coordination with clients and governmental agencies. He is familiar with ordinances and plans processing in both the Town of Leesburg and Loudoun County, Virginia. He has extensive experience in the development of stormwater infrastructure for Loudoun County.

#### AFFILIATIONS

- Engineers & Surveyors Institute

#### YEARS OF EXPERIENCE

- Dewberry = 28

#### SELECTED EXPERIENCE

**COUNTY OF LOUDOUN COMMUNITY CORRECTIONS PLAN AND JAIL EXPANSION PLANNING STUDY, LEESBURG, VIRGINIA.** Civil Engineer for the jail expansion planning study of the Loudoun County Adult Detention Center for additional housing, a classification unit and a new intake area, 2005 (study complete)

**LOUDOUN COUNTY FIRE AND RESCUE TRAINING CENTER, LOUDOUN COUNTY DEPARTMENT OF MANAGEMENT SERVICES, LOUDOUN COUNTY, VA.** Civil Engineer. Providing complete A/E services. The purchase of a large tract of land and the construction of several other county government facilities has allowed for the expansion of this well-utilized training center including a new three-story burn building and a small storage/control building. A large 20,000 high bay training field house is also planned with locker rooms, storage/workrooms, and an indoor fire training building (for inclement weather use). A 15,500-SF two-story addition to the existing administration/classroom building also is planned, as well as the development of approximately 15 acres of the new land purchase.

**HOWARD HUGHES MEDICAL INSTITUTE LANDSCAPE, JANELIA FARM RESEARCH CAMPUS, RAFAEL VINOLY ARCHITECTS, PC, LOUDOUN COUNTY, VA.** Project Manager. Providing full landscape architectural services inclusive of green roof and site landscape, site civil and surveying services. The campus includes a 450,000-SF research/laboratory building and supporting housing consisting of a 100-room "hotel" connected to the Landscape Building via an underground pedestrian tunnel, and 56 individual long-term housing units. The coordination and relocation of the site utilities, the understanding of the various required approval processes, and the ability to provide a variety of site civil services are critical to the success of this fast-track process.

**LOUDOUN HOSPITAL CENTER, MEDICAL OFFICE BUILDING ADDITION, FOULGER PRATT CONTRACTING LLC, ASHBURN, VA.** Project Manager. Provided site civil and surveying services for this 108,000-SF medical building addition to the existing Loudoun Hospital facility. Also assisted in securing site development related permits through Loudoun County.

**BRITISH AEROSPACE TRAINING CENTER, BRITISH AEROSPACE, INC., LOUDOUN COUNTY, VA.** Principal-In-Charge. Provided overall site evaluation and development planning, master planning, boundary and topographic surveys, and site engineering. Also provided complete architecture and building engineering services as well as space planning and interior design for the flight simulator training facility. Phase II services included preparation of the overall grading and utility analysis, preliminary site plan, and final site plan for the approximately 39-acre fleet warehouse site.

**INTERNATIONAL PAVILION, UNIWEST GROUP, LLC, LEESBURG, VA.** Project Manager. Site design and layout engineering services were provided for this 50-acre commercial development. The design incorporated 130,000 SF of building space with associated vehicular and pedestrian access throughout the site. The design features several outdoor plazas as well as an aesthetic wet pond and extensive green space.



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### PETER G. RICH

#### *Program Review & Validation*

As Senior Vice President and the National Criminal Justice Director for The Facility Group, Peter Rich is responsible for all criminal justice projects. Since 1985, he has directed or assisted with over 250 correctional projects involving more than 45,000 beds. Peter has developed pre-architectural programs for over 50 correctional facilities, 20 law enforcement centers, 10 court facilities, 22 state prisons and 10 juvenile detention centers. He also has prepared over 40 staffing plans, delivered training to more than 5,000 correctional staff nationwide and has assisted 20 agencies with transition services for opening new correctional facilities.

Peter's extensive experience with facility planning has involved all types and sizes of projects, including low-rise, mid-rise and high-rise buildings for new, renovated, expanded and converted facilities. Prior to joining The Facility Group, Peter was the president of CSG Consultants. Prior to this, he was Vice President of Correctional Services Group. Both firms were nationally recognized criminal justice consulting firms.

From 1982 to 1985, Peter served as a Corrections Program Specialist with the National Institute of Corrections (NIC). During his three and a half years with NIC, he was responsible for training nearly 3,000 correction professionals at the National Academy of Corrections. Prior to his employment with NIC, Peter worked for the United States Justice Department, Federal Bureau of Prisons. During his eight years with that agency, he held departmental administrative positions at three prisons. A summary of Peter's relevant experience includes:

### SELECTED EXPERIENCE

#### JAIL PROJECTS

- Arapahoe County Jail - Littleton, CO
- Bibb County Jail - Macon, GA
- Broward County Jail - Ft. Lauderdale, FL
- Chesapeake City Jail, VA
- Durham County Jail - Durham, NC
- Greenville County Jail - Greenville, SC
- Hennepin County Jail - Minneapolis, MN
- Hillsborough County Central Jail - Tampa, FL
- Jackson County Jail - Kansas City, MO
- Loudon County Jail - Leesburg, VA
- Milwaukee County Jail - Milwaukee, WI
- Morris County Jail - Morristown, NJ
- Shelby County Jail - Memphis, TN
- St. Louis County Jail - St. Louis, MO

#### LAW ENFORCEMENT PROJECTS

- Cherokee County Sheriff's Office - Canton, GA
- College Park Public Safety Facility, GA
- Hamilton County Sheriff's Office - Chattanooga, TN
- Johnson County Sheriff's Office - Olathe, KS
- Milwaukee County Sheriff's Office - Milwaukee, WI
- McGee Police Department, MS
- Rock County Sheriff's Office - Janesville, WI
- Washington County Sheriff's Office - Stillwater, MN
- Waupaca County Sheriff's Office - Waupaca, WI

#### EDUCATION

- Master of Education, 1969, University of Pittsburgh
- Bachelor of Science, 1967, University of Pittsburgh

#### AFFILIATIONS

- American Correctional Association
- American Jail Association
- National Sheriffs Association





## SECTION 1: QUALIFICATIONS & EXPERIENCE

### **PHILIP E. POIRRIER, PE** *Engineering Project Manager*

Philip Poirrier has nearly 20 years of design and construction experience, managing projects for high profile clients such as Lockheed Martin Aeronautical Systems and National Gypsum Company. His responsibilities include assisting clients with scope development and defining project deliverables. His expertise ranges from electrical design and construction cost estimating for medium and low voltage power distribution, emergency power distribution, lighting, and systems, to conducting field surveys of existing airports to determine the appropriate locations to install Explosive Trace Detection (ETD) systems.

As a Professional Engineer, Philip has completed extensive installation and/or renovation projects involving electrical systems that serve company-wide, highly-secure and highly-critical data processing centers. As a Project Manager, he has completed projects that included modifications to switch gear and unit substations, reconfigurations of existing UPS systems to provide isolated redundant connections, monitoring and control system modifications, HVAC modifications, and building modifications. On many of these projects he has executed all of the additions and modifications without disrupting ongoing computer room operations.

#### **SELECTED EXPERIENCE**

**BIBB COUNTY LAW ENFORCEMENT CENTER, MACON, GA.** Needs Assessment and design/build delivery of a \$30 million project to add 192 beds in a new stand-alone, minimum-security adult detention center, and a two-story, 264-bed addition to the existing complex to provide new intake, booking, kitchen, laundry, medical and visitation areas.

**CITY OF CHAMBLEE PUBLIC SAFETY BUILDING, CHAMBLEE, GA.** New 18,000-SF facility. Design included electrical and power systems for CCRV, access control systems, and communications raceway systems.

**CR BARD, COVINGTON, GA.** New 94,000-SF facility for the sterilization of surgical equipment. Included process controls

**SHAW INDUSTRIES, CARTERSVILLE, GA.** 631,000-SF facility for carpet manufacturing facility

**FOSTER FARMS, WA.** New \$28 million, 130,000-SF poultry processing and packaging facility

**MCNEIL SPECIALTY PRODUCTS, JOHNSON & JOHNSON, MACINTOSH, AL.** New 75,000-SF processing facility for sugar substitute syrups and dry products. Design included power and electrical distribution systems for line automation.

**NATIONAL GYPSUM BUILDING, SHIPPINGPORT, PA.** New 400,000-SF production facility on a 116-acre site.

**NATIONAL GYPSUM-WALLBOARD FACILITY, TAMPA, FL.** New 400,000-SF production facility on a 150 acre site. Design included electrical and power systems to support facility and automation systems.

**LOCKHEED MARTIN AERONAUTICAL SYSTEMS, MARIETTA, GA.** Renovation to 600,000-SF of existing manufacturing floor space. Project was a very complex renovation in which construction took over a year to complete.

#### **EDUCATION**

- Bachelor of Science, Engineering Technology, Southern College of Technology
- Associate Degree in Business Administration, Waycross College
- 100+ hours of Training in Project Management and Engineering related courses

#### **REGISTRATIONS**

- Registered Professional Engineer - Georgia, Alabama, Mississippi, North Carolina, Pennsylvania



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### GREG R. BRANDON, PE

*Mechanical Engineer*

Greg Brandon is responsible for designing industrial ventilation and air conditioning systems. His specific responsibilities include selecting equipment and components of industrial ventilation systems, coordinating with other trades, preparing plans, developing specifications and piping layouts from conception through completion and preparing contract administration. Greg has designed industrial ventilation, air conditioning and process piping systems for various size projects in the private and public sectors. Systems for these projects include process ventilation, environmental treatment, pressure maintenance and fume loader control. In designing these systems, Greg focuses on providing safe and comfortable working environments that incorporate energy efficient and cost-effective characteristics whenever possible. Relevant project experience for Greg includes:

#### SELECTED EXPERIENCE

**SOF MAINTENANCE FACILITY (CORPS OF ENGINEERS, MOBILE DISTRICT), EGLIN AFB, FL.** 7500-SF, single-story facility including office space, classroom, conference room and support for the 719th and 16th Maintenance Squadrons.

**IDIQ CONTRACTS FOR A/E SERVICES, ROBINS AFB, GA.** Several projects, including industrial facilities and administrative buildings as well as HVAC and electrical system replacements.

**KC-135 SQUADRON OPERATIONS FACILITY, ROBINS AFB, GA.** Mechanical design of a 48,650-SF operations facility, administrative offices, conference rooms, locker/shower areas and classrooms for the 19th Air Refueling wing.

**PICKENS COUNTY HIGH SCHOOL, JASPER, GA.** Design and master planning of a new \$11.5 million, 154,000-SF replacement high school.

**PICKENS COUNTY MIDDLE SCHOOL, JASPER, GA.** Design of a \$1.2 million, 15,930-SF expansion to the existing middle school, consisting of ten regular classrooms, along with a Music Hall (choral and band). Completed on time and under budget.

**TATE ELEMENTARY SCHOOL, JASPER, GA.** This \$900K, 17,590-SF expansion, consisted of a six-classroom addition; new media center; new physical education facility; and improved playground space, sprinkler system and wiring. The project was completed on time and under budget.

**WALTON HIGH SCHOOL, MARIETTA, GA.** Full architectural and engineering design services for a \$1.2 million addition and renovation to bring full-time enrollment to 2,318 students.

**SPRAYBERRY HIGH SCHOOL, MARIETTA, GA.** Complete architectural and engineering design for the 8,000-SF Physical Education facility.

#### EDUCATION

- Bachelor of Science, Mechanical Engineering Technology, 1977, Southern Technical Institute

#### REGISTRATIONS

- Registered Professional Engineer - Virginia, Alabama, California, Connecticut, Washington, DC, Florida, Georgia, Hawaii, Illinois, Indiana, Kentucky, Louisiana, Massachusetts, Maryland, Michigan, Missouri, Mississippi, North Carolina, Nebraska, New Jersey, Nevada, New York, Ohio, Oregon, Pennsylvania, Texas, Utah, Washington, Wisconsin, and West Virginia

#### AFFILIATIONS

- American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
- Certified Energy Manager (CEM®)
- National Society of Professional Engineers (NSPE)
- National Council of Examiners for Engineering and Surveying (NCEES)



## SECTION 1: QUALIFICATIONS & EXPERIENCE

### MARK O'GRADY, PE

*Electrical Engineer*

Mark O'Grady is responsible for the overall management and operations of the electrical engineering group. He manages the day-to-day electrical engineering design of all projects, and is responsible for quality control and standardization of engineering concepts. He maintains full responsibility for all design, production of contract documents, contract administration and engineering discipline communication.

With more than 19 years of experience in engineering and designing electrical power distribution and control systems, Mark's responsibilities have included supervising CAD personnel and other design staff, reviewing vendor and shop drawings, scheduling, man-hour and capital cost estimates, bid evaluations, and communication and coordination with the client and utility company.

#### SELECTED EXPERIENCE

**KANKAKEE COUNTY DETENTION CENTER, KANKAKEE, IL.** Program Management, Comprehensive Architectural, Engineering Design and Construction Management services for Phase I of the county's new \$19.5 million, 312-bed, 100,000-SF jail complex. Phase II turn-key services will manage the addition of 144-beds, with growth to 384-beds, and is planned to complete in late 2006.

**MEADOWBROOK FARMS PORK PROCESSING FACILITY, RANTOUL, IL.** Design/build services with a Guaranteed Maximum Price for a new 3,000 head per day pork processing plant. Electrical design services include all power, lighting, communication, security and fire alarm systems for the plant facility and an offsite waste water treatment facility.

**CITY OF ATLANTA WASTEWATER PUMP STATIONS UPGRADE, ATLANTA, GA.** Provided the electrical, mechanical and civil engineering design services for the City of Atlanta Wastewater pump station program that has an estimated construction budget in excess of \$6 million. The City operates fourteen wastewater pump stations that consist of a variety of pneumatic ejectors, centrifugal, submersible, and screw lift pumps. Electrical design services included power, control and instrumentation upgrades to modernize facilities.

**ABERNATHY ARTS CENTER, FULTON COUNTY, GA.** Complete design/build professional services for the Abernathy Arts Center located in north Atlanta. This project consists of an approximately 4,000 SF one-story Arts and Crafts facility that houses two classrooms, a kitchen, an administration office with associated reception area, an exhibit hall, interior and exterior restrooms and an exterior patio. All electrical design services provided including: power, lighting and security systems.

**SCOTT CANDLER WATER FILTRATION PLANT EXPANSION, DEKALB COUNTY, GA.** Electrical engineering design services for expansion and upgrade of treatment processes for the new millennium. This filter plant presently has the permitted capacity to produce 128 million gallons per day (MGD). Each year it treats an average of approximately 85 MGD and provides drinking water to over 576,000 customers. Electrical design services included all power, lighting, security and communication systems for the entire plant administrative building including: offices, labs, training facilities and mechanical rooms.

**MONROE AREA HIGH SCHOOL, MONROE, GA.** Programming, planning, and full architectural and engineering design for a new \$20 million 228,000-SF high school to accommodate 1,262 students with a core capacity of 1,500 for future planned expansion.

#### EDUCATION

- Bachelor of Science, Electrical Engineering, 1987, University of Illinois

#### REGISTRATIONS

- Registered Professional Engineer - Georgia, Illinois, Arkansas, Indiana, Texas, South Carolina, California, Florida, Alabama

#### AFFILIATIONS

- Institute of Electrical & Electronic Engineers





## SECTION 1: QUALIFICATIONS & EXPERIENCE

### MIKE MAHADY, CPD

#### *Plumbing/Fire Protection Engineering*

Mike Mahady is responsible for defining fire protection systems, equipment and components for all projects, preparing contract documents, plans, specifications and construction contract administration. He establishes contact with the owner's insurance underwriters and coordinates engineering solutions to potential loss exposures for buildings.

Mike's design capabilities and 27 years of experience include water systems using city water systems, well water systems, gravity storage tank systems and pressure booster pump systems. He also has completed plumbing systems for both site and interior above and below grade, as well as industrial and control compressed air systems, gas systems (natural, propane, oxygen, acetylene, argon, and hydrogen), waste oil collection systems, and chemical, industrial, and process waste piping systems.

Mike's experience in fire protection systems includes foam deluge systems (AFFF and protein), storage tanks, multiple fire pump houses, hydraulic and pipe schedule automatic sprinkler systems, CO2 and Halon 1301 fire extinguishing systems, hose stations and standpipe systems, and yard piping systems. He is familiar with the requirements of the National Fire Protection Association, Factory Mutual Associations and Industrial Risk Insurers.

#### SELECTED EXPERIENCE

**KANKAKEE COUNTY DETENTION CENTER, KANKAKEE, IL.** Program Management, Comprehensive Architectural, Engineering Design and Construction Management services for Phase I of the county's new \$19.5 million, 312-bed, 100,000-SF jail complex. Phase II turn-key services will manage the addition of 144-beds, with growth to 384-beds, and is planned to complete in late 2006.

**BIBB COUNTY LAW ENFORCEMENT CENTER, MACON, GA.** Needs Assessment and design/build delivery of a \$30 million project to add 192 beds in a new stand-alone, minimum-security adult detention center, and a two-story, 264-bed addition to the existing complex to provide new intake, booking, kitchen, laundry, medical and visitation areas.

**MUSCOGEE YOUTH DEVELOPMENT CAMPUS, MUSCOGEE COUNTY, GA.** Design, Program Management and Construction Management services for a new campus that is comprised of an 80-bed Regional Youth Detention Center (RYDC) and a 70-bed Youth Development Campus (YDC) on the same 23-acre site. The RYDC is a maximum-security facility for pre-trial youth offenders, and the YDC is a medium-security facility comprised of six stand-alone, single-story cottages where post-trial youth offenders are educated and counseled for rehabilitation.

**SUMMIT COUNTY JUVENILE JUSTICE CENTER, OH.** This facility includes new construction and renovation. New construction components include new courtrooms and offices for the Court Administrator, Clerk, and offices for the judges and magistrates. In addition, a 28-bed addition to the existing 72-bed detention facility will be added. Vacated space in the existing courthouse will be renovated for use by other department that supports the juvenile court system. Facility Design Group is the lead designer on this project.

#### EDUCATION

- South Georgia College
- Cobb Area Vocational School, Drafting and Design Technology
- DeKalb Junior College, Engineering Courses
- Kennesaw College, Management Course

#### CERTIFICATIONS

- Certified in Plumbing Design (CPD)

#### AFFILIATIONS

- American Society of Plumbing
- Society of Fire Protection Engineers



## **SECTION 1: QUALIFICATIONS & EXPERIENCE**

### **ROBERT (CURT) DAMICO - PRESIDENT**

Mr. Damico is the Founder and President of RCD. He has a Class "A" Master Electrician License and over 33 years of experience. His firm is a member of the Electrical Contractors Council, Independent Electrical Contractors, Associated Builders and Contractors and National ABC Committee.

### **JAMIE L. KLINE - EXECUTIVE VICE-PRESIDENT**

Mr. Kline has 21 years of experience in electrical construction, project management and operations management. He holds a Class "A" Master Electrician License with a focus on heavy industrial, commercial and specialty projects.

### **DAVE C. DAMICO - VICE-PRESIDENT (BUSINESS DEVELOPMENT)**

Mr. Damico has 23 years experience in electrical estimating, design/build, electrical installations, field supervision and sales. He provides cost effective construction methods by preparing detailed project budgets.

### **JOHN FLOOD - VICE-PRESIDENT (CONSTRUCTION)**

With over 40 years of experience, Mr. Flood focuses on estimating, project management, contract administration and operations.

### **STEVEN D. SHUMAN - PROJECT SUPERINTENDENT**

Mr. Shuman has 24 years of experience as a Certified Master Electrician and Welder. His expertise is in planning, managing and designing large projects.





## **SECTION 1: QUALIFICATIONS & EXPERIENCE**

### **CHARLES E. WALL, PARTNER**

Mr. Wall, a partner in the Business Section at Williams Mullen, has represented numerous private entity teams in partnering proposals to state agencies, local governments, regional authorities and school boards across the Commonwealth. He has negotiated Comprehensive Agreements for new schools, public safety facilities and correctional facilities under the PPEA, as well as new transportation facilities pursuant to the PPTA. Mr. Wall was appointed by the Virginia General Assembly to serve on the 2005 committee to revise the PPEA's Model Guidelines for public entities, and he has lectured extensively on the PPEA and PPTA before legislative bodies, government officials, trade and professional associations, and other lawyers.

### **WILLIAM W. HARRISON, JR., PARTNER**

Mr. Harrison concentrates his practice in public finance through the issuance of tax-exempt bonds and the use of public-private partnership structures. As a former two-term member of Virginia Beach City Council, Mr. Harrison gives business and real estate advice to clients doing business with local governments. He specializes in complex and structured financial arrangements for all types of commercial developments and multi-family housing projects. He has rendered approving opinions and bond counsel and underwriter's counsel on a wide variety of debt issuances, at both the state and local levels. He is also experienced in proposals and partnership agreement under the PPEA.

### **RALPH L. "BILL" AXSELLE, JR., PARTNER**

Mr. Axelle's practice concentrations include regulatory, lobbying and administrative law, which he practices before numerous state agencies and local governments. He is also experienced in public-private partnerships, and has been extensively involved in about a dozen proposals under the PPTA and PPEA. With respect to the PPEA, Mr. Axelle was instrumental in drafting the Act, he was appointed by the Virginia General Assembly to a committee that reviewed the Model Guidelines, and he was consulted in development of the Commonwealth of Virginia Guidelines. He served in the Virginia House of Delegates from 1974 through 1990.